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appropriate for a particular signal source through any one of user choice, automatic computation or sensing, or system default. Further, the signal source's amplitude is sampled at a relatively high resolution and at a relatively low characteristic scan resolution.

In contrast, the present application discloses accepting user preference as an input parameter. The input parameter is used for selecting a suitable processing mode for use in the post-processing as disclosed in the present application. Mere disclosure of acceptance of a user choice in Dugan ('098) cannot be construed as accepting a user preference as an input parameter for selecting a suitable processing mode, as disclosed in the present application. In light of the discussions presented above, it is highlighted that new independent claim 22 is distinguishable over the art cited by the examiner in the current office action, i.e. Zhong ('034), Clark ('942), Maeda ('615) and Dugan ('098).

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CONCLUSION:

The present claims have been amended and justifications have been provided to highlight the distinctions of the present invention over the cited art and it is respectfully submitted that the claims are now clearly patentable over the art of record, and notice to that effect is earnestly solicited. If the Examiner has any questions regarding this matter, the Examiner is requested to telephone applicants' attorney at the numbers listed below prior to issuing a further action.

Authorization is hereby given to charge any fees necessitated by actions taken herein to Deposit Account 50-2117.

Respectfully submitted,
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